

**PHIL 3: Critical Thinking**  
**Fall 2009**  
**MUSIC LLCH**  
**MWF 10:00am-10:50am**

**Instructor:** Ian Nance  
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**Office:** SH5720  
**Office Hours:** M 11:00-1:00

<b>Teaching Assistants:</b>	Dan Dolson (F 11:00 and F 1:00)	dandolson@gmail.com
	Luke Manning (W 3:00 and R 1:00)	luke_manning@umail.ucsb.edu
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	Rick Stoodly (T 9:00 and T 10:00)	rickstoodly@umail.ucsb.edu

**Course Description:** This course is an introduction to logic, the study of reasoned argumentation from a philosophical point of view. Our first task will be to isolate the somewhat special sense of “argument” in which philosophers are interested. We will try to distinguish argumentative discourse from other uses of language and to focus our attention on a species of argumentation that logicians have made significant progress in understanding and evaluating. Special attention will then be paid to techniques that philosophers have found especially fruitful for investigating these arguments, including the introduction of a formal language and a formal system of inference.

**Required Texts:** *Simple Logic*. Bonevac, Daniel. Oxford UP, 1999.

**Course Website:** TBA. Syllabus and other handouts to be posted at:  
<http://www.philosophy.ucsb.edu/courses/websites-syllabi.html>

**Course Requirements:** There will be two midterms and a final exam, as well as weekly homework assignments. Course grades will be calculated as follows:

1<sup>st</sup> Midterm: 25%  
2<sup>nd</sup> Midterm: 25%  
Final Exam: 40%  
Homework: 10%

Students are expected to attend all lectures and one discussion section each week.

**Plagiarism and Academic Dishonesty:** Students are responsible for knowing the university policy on plagiarism. Any students who engage in plagiarism or other forms of academic dishonesty will be referred to the Dean of Students.

### **Tentative Schedule**

**Week 0 (9/25):** Introduction

**Week 1 (9/28, 9/30, 10/2):** Identifying Argumentation. Bonevac 1.2, 3.2, 3.3, 3.4

**Week 2 (10/5, 10/7, 10/9):** Structure of Argumentation. Bonevac 1.1, 1.3, 3.1, 3.5, 3.6

**Week 3 (10/12, 10/14, 10/16):** Towards Evaluating Argumentation. Bonevac 1.4, 1.5, 1.6

**First Midterm, Friday 10/16**

**Week 4 (10/19, 10/21, 10.23):** Propositional Logic. Bonevac 6.1, 6.2, 6.4, 6.3

**Week 5 (10/26, 10/28, 10/30):** Propositional Logic cont. Bonevac 6.5, 6.6, 6.7

**Week 6 (11/2, 11/4, 11/6):** Proofs in Prop. Logic. Bonevac 8.1, 8.2, 8.3

**Second Midterm, Friday 11/6**

**Week 7 (11/9, Veteran's Day Holiday, 11/13):** Proofs in Prop. Logic cont. Bonevac 8.4, 8.5

**Week 8 (11/16, 11/18, 11/20):** Proofs in Prop. Logic cont. Bonevac 8.6, 8.7, handout

**Week 9 (11/23, 11/25, Thanksgiving Holiday):** Predicate Logic Bonevac 9.1, 9.2, 9.3

**Week 10 (11/30, 12/2, 12/4):** Predicate Logic cont. 9.4, 9.5, 9.6

**Final Exam: Tuesday, 8 December. 8:00 AM.**

**NOTE:** This schedule is subject to revision. Revisions will be announced in lecture and it is each student's responsibility to keep informed of any changes. This includes changes to exam dates.

Missed exams may be taken only if a make-up is scheduled in advance.